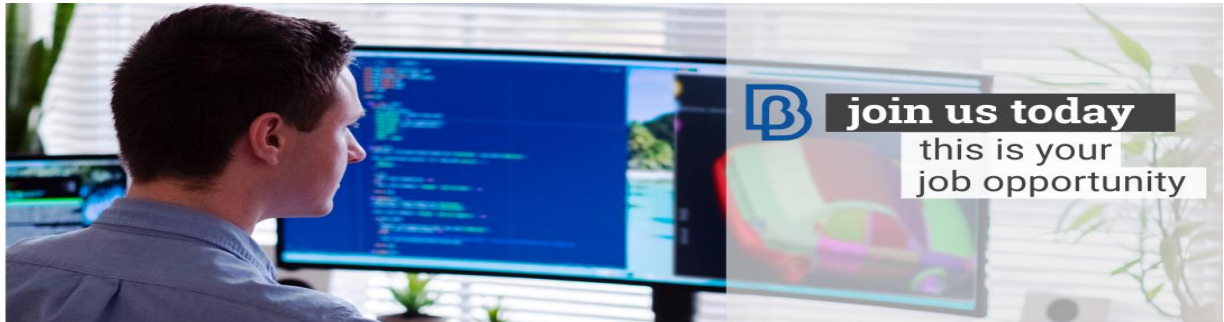


Software Engineer II - AI/ML for Crash and Electronics

Location: Kato Scholari, Thessaloniki



Join BETA CAE Systems, Greece, as a Software Engineer II and become part of Cadence Design Systems, the pivotal leader in mechanical and electronic systems design.

Leveraging Cadence's Intelligent System Design strategy and BETA CAE's innovative engineering solutions, we deliver advanced products that empower some of the world's most forward-thinking companies across diverse industries such as consumer electronics, hyperscale computing, communications, automotive, aerospace, and healthcare.

In this role, you will contribute to shaping the future by collaborating with cross-functional teams across both companies to develop and promote impactful products and strategies. Joining us means becoming part of a dynamic and evolving environment where teamwork, innovation, and a global perspective drive our continued success and leadership in the industry.

Your day-to-day will include:

- Programming environment: Linux/Windows
- Designing, training, evaluating, and iterating on deep learning models, and translating experimental results into robust, production-ready model pipelines
- Model processing and analysis, research and development of software tools and algorithms in various fields including:
 - Crashworthiness and Safety (Automotive, Aerospace)
 - Human Body Modelling (Injury Biomechanics for Automotive and Aerospace)
 - Electronic components and Electronic Device drop shock testing (Electronics)
- Algorithmic problem solving and data processing
- Programming languages: Python & C/C++
- Communication and collaboration with other members of the development, customer support, and quality assurance teams, as well as with international research teams

Qualifications you need to have:

- University degree from a School of Engineering in Mechanical Engineering, Civil Engineering, Biomedical Engineering, or Electrical Engineering
- Good knowledge of Statics and Dynamics of Structures and/or Computational Mechanics



- Strong foundation in machine learning and deep learning, including graph neural networks (GNNs), with hands-on experience using modern deep learning frameworks for model training, evaluation, and generalization on real-world datasets.
- Analytical thinking and problem-solving skills
- Proficiency in the English language

Qualifications that will be considered:

- Diploma thesis or Master's thesis in Computational Mechanics
- Knowledge of the Finite Element Method
- Knowledge and experience with CAD/CAE software
- Knowledge of Numerical Analysis methods
- Knowledge of modern Machine Learning methods
- Experience in programming with Python or another programming language

What we offer:

- Permanent employment contract following a six-month evaluation period
- Competitive salary package
- State-of-the-art and continuously updated equipment (hardware and software)
- Ongoing training in the latest technologies related to the field
- Opportunities for professional growth and skill enhancement
- Comprehensive private health insurance
- Employee Assistance Program
- Complimentary breakfast and lunch at the company dining hall
- Company-provided transportation to and from the premises
- Fully equipped on-site gym
- Participation in the company's Private Pension Fund (T.E.A.)
- Ample parking facilities with electric car charging
- Comfortable and modern working environment

Apply now for a place in our team!

We would gladly receive your application at: [Cadence Careers](#)